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by Brian A. Rice. Banner routines by Jeffrey A. Jay. © 1988 Polarware, Inc.

Welcome to the **Electric Crayon DELUXE** by POLARWARE, the latest series in the Electric Crayon family of software by Brian A. Rice. The **Electric Crayon DELUXE** continues in the tradition of the Electric Crayon series while adding some "deluxe" features like the ability to print picture descriptions, personal messages and banners. It is easier to use than the original Electric Crayon, with improvements in the overall design.

What your child can do with the Electric Crayon DELUXE

Each **Electric Crayon DELUXE** contains dozens of pictures that can be colored again and again. And it's simple to use, too! With a cursor that looks like a crayon, just point and click to choose a color, then point and click to fill the area you want to color. If you don't like the way the color looks, you can fill the same area with another color. Or you can erase the colors from the entire picture and start all over! If you have a color printer and ribbon (see equipment compatibility on back of box), you can print out the colored pictures. If you have a black and white printer, you can print the pictures and color them by hand. Either way, you can print a picture alone (two sizes!), with a calendar of any month you choose, with a description, with a personalized message, or with a personalized banner! And, when you print out a picture with the calendar, you can use the enclosed **64 stickers** to mark appointments, birthdays, holidays, and many more special days!!

How to use the Electric Crayon DELUXE

Every child is different, but most preschool and primary-aged children will need some help in getting started. After your child has had a little practice, he or she will probably be able to select and color pictures without any help. Your child will, however, need your guidance in starting the computer, choosing the setup options, and printing the pictures.

The term "point and click" refers to the pointing of the crayon (cursor) at a color or an area on the screen and pressing a button or key to select a color or fill an area.

1. Boot your **Electric Crayon DELUXE** disk.

Apple

Put the disk in drive 1, then turn on the monitor and computer.

Commodore

Put the disk in drive 1, turn on the monitor and computer, then type in **LOAD "EC",8,1** and press RETURN.

IBM

Turn on the monitor and boot DOS (either from drive A or a hard disk). After DOS has booted, put your disk in drive A [or B], set your prompt to A [or B] by typing in **A:** [or **B:**] and press ENTER, then type in **EC** and press ENTER.

2. If you need to change options (input device, display mode, printer, or printing options), press ESCAPE. The very first time you boot your **Electric Crayon DELUXE** disk, you will automatically enter the setup options menu.

SETUP OPTIONS

The first time you boot your **Electric Crayon DELUXE** disk, you will automatically be sent to the setup options menu, where you can change your input device, display mode (on the IBM), printer selection and printing options. You can return to the setup options anytime by pressing the ESCAPE key.

To change options, press the up/down arrows or the number of the option you want, then press RETURN (or ENTER). What keys do what will always be printed at the top of the screen, with mini directions printed at the bottom.

Each computer version has a slightly different setup menu:

Apple

1. Show Current Setup
2. Change Input Device
3. Change Printer Setup
4. Change Printing Options
5. Exit/Save Setup

Commodore

1. Show Current Setup
2. Change Printer Setup
3. Change Printing Options
4. Exit/Save Setup

IBM

1. Show Current Setup
2. Change Input Device
3. Change Display Mode
4. Change Printer Setup
5. Change Printing Options
6. Exit/Save Setup

SHOW CURRENT SETUP. This is a quick and easy way to verify what options are currently selected.

CHANGE INPUT DEVICES. (Apple and IBM only) It is very important to note that the *ONLY* time you can change your input device is before the first picture is displayed. To do so, you must press ESCAPE at the title screen.

Apple

- Mouse:** Most versions of the **Electric Crayon DELUXE** will come setup for the mouse. Rolling the mouse across the surface of your desk or table (or pad!) will cause the crayon to move about the screen. Press the mouse button to click on an item.
- Joystick:** The joystick is weighted. This means that if you barely move the joystick off center, the crayon moves slowly. If you move the joystick far off center, the crayon moves much faster. Press button 0 to click on an item.
- Koala Pad:** Holding the stylus on the pad, move the stylus around to move the crayon. Press the left button to click on an item.
- Keyboard:** The keyboard is active only when the mouse is, whether you have a mouse or not. Use the four arrow keys to move the crayon up, down, left and right. Pressing **Open-Apple** and an arrow key at the same time, will cause the crayon to move faster. Press RETURN to click on an item. You can also activate the other commands represented in the boxes at the top and bottom of the screen (see diagram on page 4) by pressing **Open-Apple** and the first letter of the command, as follows:

- Open-Apple .:** get the previous picture
- Open-Apple .:** get the next picture
- Open-Apple P:** PRINT picture
- Open-Apple E:** ERASE colors from picture
- Open-Apple S:** STOP - quitting procedure
- Open-Apple O:** OOPS - undo last fill
- Open-Apple M:** MIX colors

Commodore

You cannot change the input device on the Commodore simply because the mouse, joystick and keyboard are all functional at all times. Follow the directions below for how to use each. Unless otherwise stated, each device functions the same way as on the Apple (see above).

- Mouse:** The mouse must be in port 1.
- Joystick:** The joystick on the Commodore is not weighted and moves at a constant speed. The joystick must be in port 2.

Keyboard: Use the cursor up/down key to move the crayon down, shift-cursor up/down to move it up, cursor right/left to move the crayon right, shift-cursor right/left to move it left. F1, F3, F5, F7 will move the crayon faster up, down, left, and right, respectively. Press RETURN to click on an item. You can also activate the other commands represented in the boxes at the top and bottom of the screen (see diagram on page 4) by pressing the **Commodore symbol** and the first letter of the command. See the Apple keyboard commands and substitute the **Commodore symbol** for Open-Apple.

IBM The IBM **Electric Crayon DELUXE** will automatically determine what input device you are using. However, if you are experiencing a problem, set the input device for what you are using. Follow the directions below for how to use each. Unless otherwise stated, each device functions the same way as on the Apple (see page 2).

Automatic: Your input device is automatically determined. This is the default setup.

Mouse: The **Electric Crayon DELUXE** works with a Microsoft compatible mouse only! You must have a device driver installed to use the mouse. Please see your mouse manual for proper installation.

Joystick: On the PCjr, the joystick must be plugged in the port farthest from the keyboard port.

Keyboard: Use the four arrow keys to move the crayon up, down, left and right. Pressing **Control** or **ALT** and an arrow key at the same time, will cause the crayon to move faster. Also **Page Up** and **Page Down** will move the crayon up and down quickly. Press ENTER to click on an item. You can also activate the other commands represented in the boxes at the top and bottom of the screen (see diagram on page 4) by pressing **ALT** and the first letter of the command. See the Apple keyboard commands and substitute **ALT** for Open-Apple.

CHANGE DISPLAY MODE. (IBM only) You must have a color graphics card to use your **Electric Crayon DELUXE**. Your disk is setup for a 16 color Enhanced Graphics Card (EGA). Many IBM and IBM compatibles, however, may not have this card. For this reason, you may choose the 4 color CGA (Color Graphics Adapter) mode. If you have a Tandy 1000 or PCjr with at least 256K, you may select the 16 color Tandy mode. *IBM PS 2 owners: while your computer is equipped with a 16 color card, the VGA, it is not the same as an EGA card. If you do not have an EGA card, you must select the 4 color CGA mode.*

CHANGE PRINTER SETUP. Prior to printing a picture from the **Electric Crayon DELUXE**, you should setup the disk for your printer. Apple owners will also have to specify what slot (1-7) their Super Serial Card is in (slot 1 for the Apple //c).

CHANGE PRINTING OPTIONS. You may print out pictures with one of several options:

1. Print Picture Alone: This option prints the picture alone and upright.

2. Print Picture with Calendar: After selecting this option, type in the month MM and the year YYYY for the calendar that you want printed below your picture. For example, to print the month July 1988, type in 07 for MM and 1988 for YYYY.

3. Print Picture with Description: Your **Electric Crayon DELUXE** disk contains a description for each picture, that will be printed below the picture. The description may be scientific, historical, or just plain fun information about the subject of the picture. Be careful, though! You may just learn something.

4. Print Picture with Message: There is an ASCII file on your disk named MESSAGE.TXT that will be printed below your picture. You may change this message file with any word processor or editor to make the message personal, like: "This picture colored by Jason" or "Happy Birthday, Mom!" Make sure the word processor you use can save ASCII files.

5. Print Sideways Picture Only: This option will print the picture alone and turn it sideways. This picture is the same size as the one used for banner printing, which is a much larger picture than option 1.

6. Print Picture with Banner. When you select this option, first type in your banner message (up to 36 characters), then press RETURN (or ENTER) to accept it. Next, you may choose to print your banner message in one of three sizes: large, medium, or small. If you have a color printer and ribbon, you may also choose to print your banner message in one of 7 colors: black, yellow, red, blue, orange, green, or purple. *If your color printer is a Scribe or OkiMate 20, we do not suggest printing color banners as they use almost the entire ribbon.* Listed below are the key commands used by the banner editor:

RETURN:	Accept banner message	LEFT ARROW:	Move cursor back one space	(cancels insert)
CONTROL I:	Insert characters at cursor	RIGHT ARROW:	Move cursor forward one space	"
CONTROL D:	Delete characters after cursor	CONTROL B:	Move cursor to beginning of message	"
DELETE:	Delete characters before cursor	CONTROL N:	Move cursor to end of message	"

EXIT/SAVE SETUP. When you've chosen all your options, this selection will save your new setup and exit to the title screen.

3. After you have setup the **Electric Crayon DELUXE** with your options, you will be presented with the first of 26 or more pictures. At this point your screen will look like this:

- **PRINT, ERASE, STOP, OOPS,** and the < and > keys are referred to as buttons.

- The crayon will always be the same color as current color.

- To choose a color, point and click on the color you want in the palette. To change colors, point and click on a new color.

- To fill an area in the picture, point and click on that area!

- To mix colors, point and click on the **MIX** button. This will mix your current color with the other 15 colors. Point and click on **MIX** again to un-mix the colors.

- To print the picture, point and click the **PRINT** button. Your picture will be printed alone or with one of the printing options, depending on what you've chosen. *If you have a color printer and ribbon and you attempt to print an un-colored picture, your picture may turn out all grays. Change your setup to a black and white printer or color your picture with white to fix this.*

- To erase all of the colors from the picture, point and click the **ERASE** button.

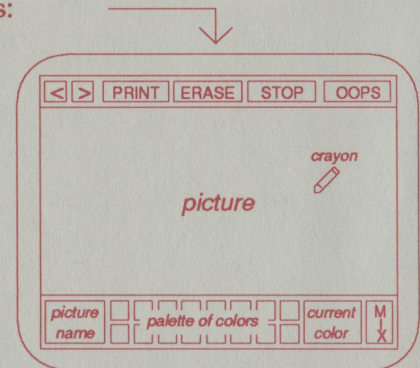
- To quit the program, point and click the **STOP** button. If you turn off your computer without stopping, your colored pictures may not be saved.

- To undo the last fill, point and click the **OOPS** button *immediately* after the fill.

- To change pictures, point and click on < for the previous picture, and on > for the next picture.

4. The **Electric Crayon DELUXE** is not copy-protected. Making copies of this program or documentation for purposes other than back-up and archival is not only illegal, it's not nice. It will also prevent us from releasing other fine programs such as this without the added cost and headache of protection.

5. (Apple and IBM owners) You may install the **Electric Crayon DELUXE** on your hard drive (thanks to no protection!). Simply copy all the files and subdirectories to any subdirectory on your hard drive. Apple owners: to start the program, use any program launcher or boot ProDOS basic and use the "dash" command to start the file EC.SYSTEM. IBM owners: to start the program, set your prompt to the drive letter and subdirectory and follow the IBM boot instructions on page 1.



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